

ABSTRACT OF THE DISCLOSURE

There is provided a wireless base station that can ensure the mutual independence of wireless communication networks with overlapping communication cells. When a multifunction access point that is a present base station is to be newly activated inside a wireless communication cell controlled by another active multifunction access point in the periphery thereof, the wireless LAN unit of the multifunction access point carries out passive scan to receive beacons including an SSID from the other multifunction access point, and acquires the SSID included in the beacons. The wireless LAN unit automatically generates, using a predetermined generation algorithm, an SSID to be used in a wireless communication cell controlled by the present base station so that the generated SSID differs to a previously generated SSID. When the generated SSID is not identical with the acquired SSID, the generated SSID is set as the SSID of the wireless communication cell controlled by the present base station.